

# EPSON® STYLUS™ PRO 7600/9600

## Specifications

### Model

- Model Name: EPSON Stylus Pro 7600 / Stylus Pro 9600

### Printing Technology

- Drop-On-demand Ink Jet Technology
- Resolution: 2880 x 1440 dpi; 1440 x 720 dpi; 720 x 720 dpi; 720 x 360 dpi; 360 x 360 dpi; 360 x 180 dpi
- EPSON Variable Sized Droplet Technology: Minimum droplet size, 4 picolitre  
Variable droplet technology produces up to 3 different sizes per print line
- Nozzle Configuration: Colour & Monochrome Heads, 96 nozzles x 7

### Ink

- 7 colour (CmMmYKk) UltraChrome™ Inks:
  - Photo Black Ink Cartridge T543100 / T544100\*
  - Cyan Ink Cartridge T543200 / T544200\*
  - Magenta Ink Cartridge T543300 / T544300\*
  - Yellow Ink Cartridge T543400 / T544400\*
  - Light Cyan Ink Cartridge T543500 / T544500\*
  - Light Magenta Ink Cartridge T543600 / T544500\*
  - Light Black Ink Cartridge T543700 / T544700\*
  - Matte Black Ink Cartridge T543800 / T544800\*
- \* (available in 220 ml size for Stylus Pro 9600)
- Black Ink Mode Configurations:
  - UltraChrome™ Ink: Photo-K + Light-K or Matte-K + Light-K or Dual Matte-K
- EPSON Ink cartridge yield: 110ml x 7 colours  
\* (available in 220 ml size for Stylus Pro 9600)
- Ink cartridge shelf life: 2 years from printed production date or 6 months after opening

### Media Handling

- Media Input:
  - Single Roll (up to 24" wide) (up to 44" wide)\*\*
- Cut sheet size:
  - Auto Loading (up to 24" wide) (up to 44" wide)\*\*
- Media core compatibility:
  - Handles both 2" and 3" cored media
- Maximum Roll Media Diameter:
  - 4" (2" core) OR 6" (3" core)
- Weight:
  - thickness up to 1,5 mm
- Built-in Media cutter for automatic or manual cutting
- Optional Manual Media Cutter (usage on very thick media)

### Printable Area

- Maximum Paper width: 24" 44"\*\*\*
- Print Margins (Left & Right): 0 or 3 mm (0.24" total)
- Maximum Printable width: 24" 44"\*\*\*
- Maximum Printable Length: up to 100" (limited by roll length and software application)

### BorderFree™ Printing

- Left & right borderless "bleed" printing for the following size media: 8", 10", 12", 16", 20", 24", (36" and 44" and 300 mm, 400 mm, 500 mm, 600 mm\*\*\*). Top & bottom edges can be automatically cut three different ways during printing.

### Reliability

- Total print volume: 50,000 pages (360 x 360 dpi, A1 for SP 7600) 20,000 pages (360 x 360 dpi, B0 for SP 9600)
- Print Head Life: 28 billion shots per nozzle
- Cutter Life: 2,000 times (coated media)

### Print Engine Speed

- Print engine speeds will vary from 0,75 m²/h to a maximum of 17,5 m²/h (depends on print mode in use)
- Everyday "production quality" print speeds are typically 4 to 8 m²/h (depends on print job)
- You can produce better than photo lab quality results at 1,5 m²/h

### Interfaces

- USB 2.0, Parallel (IEEE-1284 ECP Mode) and one EPSON Type-B Expansion slot for installing the optional 10/100BaseT or IEEE1394 Firewire™ Expansion cards

### Operation

- Noise Level: Approx 50 dBA (ISO 7779)
- Power consumption: Approx 55 Watts
- Voltage: 220 – 240 V (90 – 264 V)
- Frequency: 50 – 60 Hz
- Current: 1.4 – 0.7 A

### Environmental Operating Conditions

- Temperature: 50 – 95 °F (10 – 35°C)
- Humidity: 20 – 80 % RH

### Weight/Dimensions

- 43.5 Kg (10.5 Kg Stand) † 62 Kg (22.5 Kg Stand)\*\*
- 1,100 (W) x 605(D) x 1,181 mm (H) †
- 1,624 (W) x 697(D) x 1,178 mm (H)\*\*
- 1,181 mm (H) with optional printer stand

### Solutions

- EPSON ESC/P Raster Photographic Drivers Standard
- Microsoft® Windows® 95, 98, Me, NT 4.x, 2000 and XP
- Macintosh OS® 8.5.1 – 9.x (OS X supported via RIP)
- Extensive support of leading RIP manufacturers

### Memory

- Buffer Memory 24": 32 MB
- Input buffer: 44": 64 MB

### System Requirements

- Minimum Recommended System Requirements: Windows 95/98/NT 4.0: Pentium 2 300 MHz, 128 MB (30% free memory)  
Free hard disc space: A0 750 MB, B0+ 1.2 GB  
System Environment: Macintosh: Power PC 604e 300 MHz 7.5.1 or later, Foreground memory >21 MB, Background memory >34 MB, Free hard disc space: A0 750 MB, B0+ 1.2 GB

### Warranty

- One Year On site

### Options

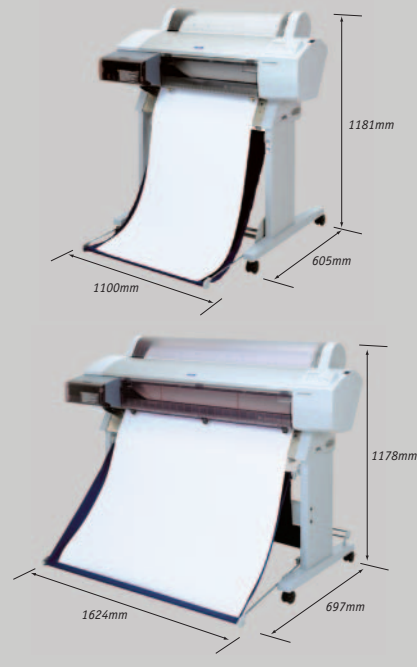
- C815182 Manual Cutter Unit\*\*
- C815192 Manual Cutter Spare Blade
- C811092 Roll Feed spindle 2 inch †
- C811102 Roll Feed spindle 3 inch †
- C811093 Roll Feed spindle 2 inch (high tension) †
- C811103 Roll Feed spindle 3 inch (high tension) †
- C823914 EpsonNet 10/100 Base Tx Int Print Server 2
- C823723 Type-B IEEE 1394 Interface Card
- C844061 Stand †
- C815231 Manual Cutter Unit †
- C811151 2/3 inch Dual Roll Feed Spindle\*\*
- C811152 2/3 inch Dual Roll Feed Spindle (high tension)\*\*
- C811161 2/3 inch Dual Roll Feed Spindle †
- C890071 Maintenance Tank
- C815241 Auto Cutter Spare Blade
- C815251 Auto Take Up Reel\*\*

Test conditions as follows: (Indoor Display Conditions)\*  
Light source: Fluorescent Light  
Intensity: 70,000 lux  
Temperature: 24 °C  
Humidity: 60 % RH  
Glass mount: 2 mm, soda lime  
Fade criteria: Pure YMC 30 % loss at OD = 1  
Display-life calculation: Total illuminance/  
(500 lux x 10 hours x 365 days = 1 year)

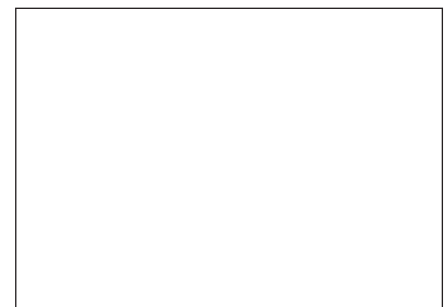
† Applies to the Stylus Pro 7600 only

\* The data is calculated by EPSON's accelerated test and it does not mean EPSON guarantee periods. Tests developed and conducted by EPSON.

\*\* Applies to the Stylus Pro 9600 only



Your EPSON dealer:



www.epson.de

ISO 14001 Certification Number 80679

ISO 9001:2001 BVQI Certificationnumber 80678

Specifications subject to change.

All manufacturers trademarks acknowledged.



EPSON®

COLOUR YOUR LIFE

# EPSON® STYLUS™ PRO 7600/9600



*Redefining high quality  
large format digital colour printing*

- New EPSON UltraChrome™ 7-colour ink technology
- Black ink optimisation to meet all printing requirements
- New Light Black ink for superior photographic printing
- New Advanced 2880 dpi\* Micro Piezo™ Printhead Technology
- High Print Quality, low cost per print
- Versatile, flexible and easy to use

\*on suitable media

# EPSON® STYLUS™ PRO 7600

# EPSON® STYLUS™ PRO 9600

*The highest quality, most flexible, graphic arts printer available today, putting you in complete control of your output*

EPSON's new advanced Micro Piezo™ printhead technology and 7-colour UltraChrome™ ink system continues to set the standards in large format graphic arts printing. The EPSON STYLUS PRO 7600 (24") and the EPSON STYLUS PRO 9600 (44") offer unparalleled output quality with the highest resolution available at 2880 dpi, and its low running costs deliver cost effective prints every time.

Print quality is unbeatable with the widest colour gamut ever. The seven individual UltraChrome™ ink set includes Light Black - a world first. The new Light Black enhances the grey scale gradations, therefore producing smoother tonal variations in colour and greyscale images. Choose between three different Black ink modes to optimise black ink density for various media types and printing applications. These large format printers are the first of their kind to offer true border-free printing on all four sides of the sheet.

Integrating seamlessly into a digital workflow, these new EPSON printers are supported by a wide choice of third party RIP software and comprehensive software utilities, providing complete control of the final print output.

## PHOTOGRAPHY

Utilising the very latest in large format inkjet printer technology to produce extremely high quality digital photographic prints, exceeding that of the traditional analogue methods.

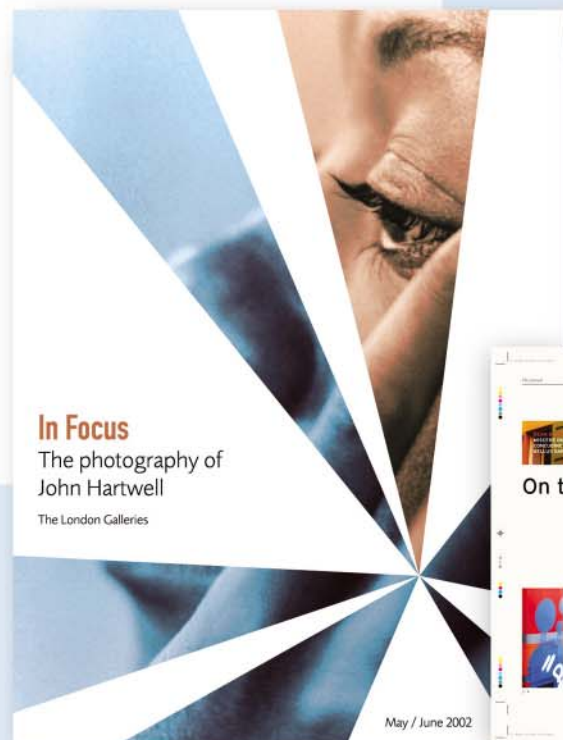
The new EPSON 7 colour UltraChrome ink set offers vibrant colour and black & white prints, with light-fastness in excess of 75 years. Extremely smooth tonal gradations in colour and monochrome are also achieved, with the introduction of a third light colour ink, light black.

The ability to change between Photo Black & Matte Black very easily and quickly, ensures the maximum image quality not only on EPSON's range of photographic specialist media, but also on our range of Matte & Fine Art medias where high density black is required.

- **Interchangeable black 7 colour EPSON UltraChrome™ ink set**
- **Lightfast in excess of 75 years**
- **Edge to edge printing**
- **Range of speciality media up to 1.5 mm in thickness**
- **Low cost per print**
- **EPSON Grey Balancer utility software**



EPSON Stylus PRO 7600

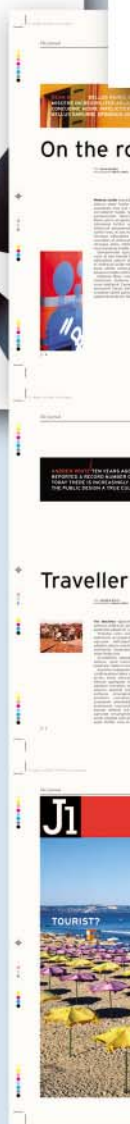


## DISPLAY/SIGNAGE

Produce high quality display and signage prints up to 44" wide, easily and with great versatility, at a low investment cost. Effortlessly output premium point-of-sale material, exhibition graphics, signage and banners at a very low cost per print.

EPSON's new UltraChrome ink set offers a wide colour gamut, and produce high quality images on a wide range of substrates from the standard gloss and semi gloss medias, to the more specialist Synthetic, Tyvec, Vinyl materials. Very fast dry times allow for very fast turn around of prints for finishing. High capacity ink cartridges also allow high quantity print runs to be achieved with the minimum of operator intervention.

- **High quality prints on variety of specialist media**
- **EPSON UltraChrome™ ink set for fast print turn around**
- **Optional automatic take up reel unit for unattended printing**
- **Lightfastness up to 75 years**
- **High capacity ink cartridges**



### EPSON TECHNOLOGIES

A combination of leading edge inkjet technologies produce the most complete colour and monochrome printing solution available. EPSON hardware, software, media and inks combine to produce the ultimate in perfect image reproduction.

### EPSON ULTRA MICRO DOT™

The life-long EPSON Micro Piezo™ print head propels perfectly formed ink droplets onto the page with absolute precision, producing the virtually invisible 4 picolitre EPSON Ultra Micro Dots™ for high quality reproduction.

### 2880DPI\* RESOLUTION

This incredibly fine resolution is achieved due to the highly advanced Micro Piezo™ printhead. It enables improved tonal gradation, the widest colour gamut and exceptional overall print quality.





P I N K   B A Y

LIMITED EDITION PRINT

THIS PRINT IS ONE OF ONLY THREE HUNDRED PRODUCED AS PART OF THE 'CELEBRATION OF ART' FESTIVAL 2002

LONDON GALLERIES



## PROOFING

The new EPSON Stylus PRO 7600 and Stylus PRO 9600 will produce high quality and consistent inkjet contract quality proofs on demand, and at a fraction of the cost of more traditional methods.

Using the new EPSON UltraChrome ink set, these printers are able to easily reproduce the colour gamut of the printing press and also match the industry proofing standards, therefore providing the closest match to these standards from any inkjet printer available on the market today.

Our range of Stylus PRO printers have become the "printer of choice" for proofing solutions.

- **Colour gamut equivalent to industry standard press & proofing standards**
- **Very high colour stability**
- **Supported by all leading RIP vendors**
- **Very high image quality**
- **Optimised for use with a wide range of proofing media**



EPSON Stylus PRO 9600

## FINE ART PRINTS

The EPSON Stylus PRO 7600 and Stylus PRO 9600 are ideal for printing on demand Limited Edition "Giclee" prints. The 7 colour EPSON UltraChrome™ ink set with interchangeable blacks guarantees maximum print quality on high quality fine art printing stocks. This improved way of producing colour and black & white printing, allows a truly neutral greyscale image with no colour "cross over" effects, as well as producing warm or cold greyscale prints using all seven colours.

These printers also offer a straight paper path with automatic print head adjustment, ensuring the maximum print quality is obtained on heavy fine art media up to 1.5 mm in thickness.

- **Versatile media handling including 2"/3" roll feed spindle**
- **Interchangeable black 7 colour UltraChrome™ ink set**
- **Lightfast in excess of 75 years**
- **Range of speciality fine art media**
- **Printing on media up to 1.5 mm in thickness**
- **Low cost per print**
- **EPSON Grey Balancer Utility Software**

## Features at a Glance:

### Highest Print Quality

- Breathtaking picture quality is achieved by EPSON's industry leading 2880 dpi print resolution and 4 pl Ultra Micro Dot™

### Astonishing Colour

- Life-like skin tones and the finest details with EPSON's expanded 7 colour UltraChrome™ ink set

### Ultimate Halftones

- Complete control over grey scale gradations and neutral tones with dual black ink cartridges, three different black ink configurations and unique 'Grey Balancer' software utility

### Media Matching

- Maximise output quality by matching gloss or matte media with new Matte or Photo Black inks. 'White glove' cartridge changing enables you to configure black inks in just 10 minutes

### Image Longevity

- Printed images with a lightfastness up to 75 years (indoor) with EPSON UltraChrome™ inks

### Complete User Control

- Comprehensive utility software featuring executable maintenance, diagnostic tools, error-correction and user installable firmware upgrades

### Minimum Finishing

- Output edge to edge, borderless prints to a specified range of widely used substrate dimensions

### Flexible Connectivity

- Effortlessly connects to USB 2.0, Parallel and Firewire ports

## EPSON VARIABLE-SIZED DROPLET TECHNOLOGY

Optimum speed and detail is achieved by utilising different sized ink droplets – small dots for areas of fine detail and large dots for areas of block colour.

## EPSON ULTRACHROME™ INKS

The new 7-colour EPSON UltraChrome™ ink system is the first ink technology to offer Light Black ink for superior photographic prints with the widest colour gamut. The inks are durable and lightfast\*, and are compatible with a wide range of media types.

## INTELLIGENCE INK CARTRIDGES

For improved output and functionality, these cartridges feature an integral IC memory chip that precisely tracks and communicates ink usage back to the user. They also feature a resealable valve to enable removal and installation for future use.

\* Please refer to lightfast test conditions on reverse